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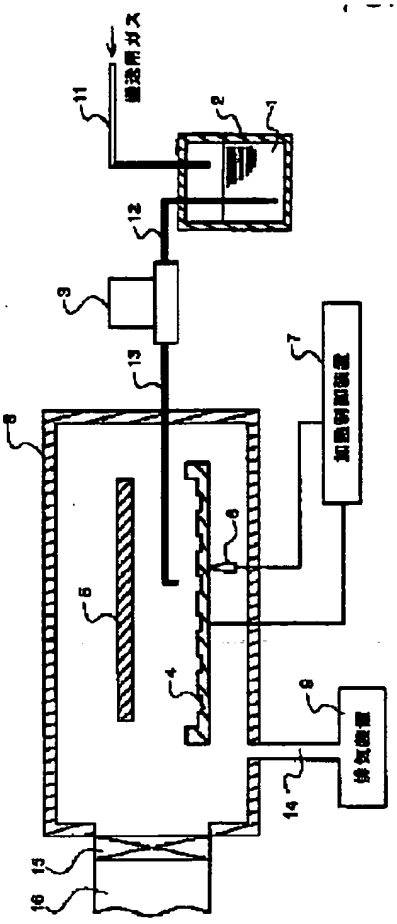
TITLE : DEVICE FOR PRODUCING ORGANIC THIN FILM AND ITS PRODUCTION



ABSTRACT : PROBLEM TO BE SOLVED: To provide a device for producing an organic thin film that the distance can be set shortly between an evaporating source and a substrate corresponding to a substrate of a relatively large area, a material corresponding to a film forming content for one time can be fed to, easily and selectively execute painting operation, moreover it can cope with mixtures and doped organic materials and furthermore it can cope with vapor deposition at a relatively low temperature, and to provide a method for producing it.

SOLUTION: This device for producing an organic thin film has a raw material feeding source 2 feeding a raw material soln. 1 in which an organic material is dissolved in a solvent, a feeding atm. controlling means 3 controlling a raw material soln. from the raw material feeding source to a fixed atm. and feeding it, a vaporizing means vaporizing the fed raw material soln. and a substrate 5 in which the vaporized raw material is deposited, and a film is formed, and the vaporizing means has an evaporating dish 4 stored with the fed raw material soln. by a prescribed amt. and a heating means of heating the raw material soln. stored into the evaporating dish to a temp. higher than the vaporizing temp. of the organic material.

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